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## PHOTOGRAPHIC INTELLIGENCE MEMORAMDUN

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GP/I - 192

27 June 1956

## **Declass Review by NIMA/DOD**

Central Intelligence Agency
Office of Research and Reports

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## PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

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This report is for record purposes only. It records the completion of a Photographic Intelligence Memorandum titled \*Preliminary Report - Project classified Top
Secret. CIA Control No. is 70990.

The report is concerned with several installations in the Murmansk area.

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PRET.TMTNARY REPORT

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A more detailed analysis could be made of the photographs if certain photo data were available, including focal length, altitude, original format, and time of day. In the absence of such data, no attempt was made to determine the heights of the objects.

The area covered by victures A, B, C, and D is in what was formerly the Finnish Corrider. The town of Pechenga (Petsamo) is about 12 kilometers (km) from the Soviet-Norwegian border. It is about 95 km northwest of Murmansk and about 270 km north-northwest of Kandalakscha.

The locations of items numbered "2" and "3" are precisely plotted on the accompanying sketch. Item No. "I" is also shown, but since no vertical photography has yet been found of that particular area, it is not located quite so precisely as the other two.

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Item No. "I" appears to be an antennae farm, possibly two rhombic arrays.

Without coverage it is not known whether this installation is new. Neither is it known whether the military type area to the south is a post-war camp or a former Finnish installation. The geographic coordinates from the center of Item No. "I" are 69-31-35N and 31-19-20E. The orientation of the arrays has not been precisely determined, but the side which is most nearly parallel with the bottom of the picture is in a north-south direction. The other appears to be oriented on a line between Murmansk and Pechanga.

Item No. "2" appears to be a grid network similar to the ground-to-air lamining sites that have been noted in the Moscow area. There are three longitudinal roads and seven transverse roads, all of which have recently been aleared of snow. The complex is approximately 875 feet long, 500 feet wide at the vide end, and 300 feet wide at the narrow end. The center road is on an azimuth of approximately 340° from true north. The approximate geographic coordinates of the center of the grid are 69-31-15N and 31-16-54E. The installation across the main highway from the road network is directly in line

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with the center read of the grid complex, but this group of buildings is imaged on war-time photography and it is impossible to tell whether or not any new buildings, such as a "Yo-Yo" bunker, have been added.

Item No. "3" is a group of six objects that are similar in appearance to wooden pylons used by the Soviets for power transmission lines. The location and grouping, however, indicate that they are for some other purpose. It is possible that they constitute another antennae array. These objects were not in evidence on photography. They are located near the top of a hill over-locking the Pechenga River. Trees have been cleared from the area since.

The geographic coordinates for item No. "3" are 69-30-50N and 31-9E.

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